

Listing of the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Original) A method of enhancing data delivery comprising:
sending a first packet from a client interface to a remote terminal at a first time;
receiving at the client interface a second packet from the remote terminal at a second time;
determining a response time of the remote terminal at the client interface based on a time period between the first time and the second time;
using said response time to determine information related to a connection speed between the remote terminal and the client interface;
providing a plurality of different content versions, each having a different amount of information, each content version being optimized for a specific connection speed;
based on said determined connection speed, automatically selecting a content version from said plurality of content versions; and
providing the remote terminal with the selected content version.

2. (Original) The method of Claim 1, further comprising determining a data flow rate from the determined response time of the remote terminal, and wherein the determining the response time comprises:
starting a timer at the first time when the client interface sends the first packet to the remote terminal; and
stopping the timer at the second time when the client interface receives the second acknowledgement packet from the remote terminal.

3. (Original) The method of Claim 1, further comprising determining network congestion based on the determined response time.

4. (Original) The method of Claim 1, further comprising determining the response time based on a timing of a handshake between the remote terminal and the client interface.

5. (Previously Presented) The method of Claim 1, further comprising selecting the content version in response to a request for a content version from the remote terminal, wherein the selected content version is different from a requested content version.

6. (Previously Presented) A method of connecting a remote terminal to a server comprising:

determining a response time of a remote terminal at a client interface based on a time period elapsing between a first packet being sent from the client interface to the remote terminal and a second packet being received from the remote terminal at the client interface;

using said response time to determine a connection speed between the remote terminal and the client interface;

receiving a request from the remote terminal at the client interface for a content version;

identifying a plurality of content versions at a server coupled to the client interface, each content version having a different amount of information at the server, each content version being optimized for a specific connection speed;

determining, based on the connection speed between the remote terminal and the client interface, that the requested content version is too large in size for the remote terminal to provide;

based on said connection speed, selecting an alternative content version of the plurality of content versions, the alternative content version smaller in size than the requested content version; and

providing the selected alternative content version to the remote terminal in response to the request.

7. (Original) The method of Claim 6, further comprising determining a data flow rate from the remote terminal based on the response time.

8. (Cancelled).

9. (Original) The method of Claim 6, further comprising determining a network congestion based on the determined response time.

10. (Cancelled).

11. (Previously Presented) An apparatus, including instructions residing on a machine-readable storage medium, for use in a machine-based system to handle a plurality of instructions, the instructions causing the machine system to:

send a first packet from a client interface to the remote terminal;

receive at the client interface a second packet from the remote terminal;

determine a response time of the remote terminal at the client interface based on a time period between the first packet being sent and the second packet being received;

use said response time to determine a connection speed between the remote terminal and the client interface;

receive a request for a content version from the remote terminal at the client interface;

determine, based on the determined connection speed, that the requested content version is too large in size for the remote terminal to provide;

access a plurality of content versions located at a server, each content version having a different amount of content, and each content version being optimized for a specific connection speed;

select an alternative content version of the plurality of content versions that the remote terminal can provide, based on the determined connection speed; and

communicate the selected version from the server to the remote terminal.

12. (Previously Presented) The apparatus of Claim 11, wherein the instructions further cause the machine system to connect the remote terminal to the server.

13. (Original) The apparatus of Claim 11, wherein the response time includes effects for network congestion.

14. (Original) The apparatus of Claim 11, wherein the response time is determined based on the timing of a handshake between the remote terminal and the client interface.

15. (Previously Presented) The method of claim 6, wherein determining the response time further comprises:

sending the first packet from the client interface to the remote terminal;
and

receiving the second packet at the client interface from the remote terminal.

16. (Previously Presented) The method of claim 1, further comprising determining that the remote terminal cannot handle the requested content version if the requested content version is too large in size for the remote terminal to present, and wherein the alternative content version is smaller in size than the requested content version.